

DOCKET NO.: ISIS-5208

PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Customer No.: 32,650

Thazha P. Prakash; and Muthiah Manoharan

For: Sugar and Backbone-Surrogate-Containing
 Oligomeric Compounds and Compositions for Use in
 Gene Modulation

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; and
 I believe that I am the original, first and sole inventor (if only one name is listed below) or an
 original, first and joint inventor (if plural names are listed below) of the subject matter which
 is claimed and for which a

Utility Patent Design Patent

is sought on the invention, whose title appears above, the specification of which:

is attached hereto.
 was filed on August 5, 2003 as Serial No. 10/634,483.
 said application having been amended on _____.

I hereby state that I have reviewed and understand the contents of the above-identified
 application, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information
 known to be material to the patentability of this application in accordance with 37 CFR §
 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a-d) of any foreign
 application(s) for patent or inventor's certificate listed below and have also identified below
 any foreign application for patent or inventor's certificate having a filing date before that of
 any application on which priority is claimed:

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Priority Claimed (If X'd)	Country	Serial Number	Date Filed
<input type="checkbox"/>			
<input type="checkbox"/>			
<input type="checkbox"/>			

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to be material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Serial Number	Date Filed	Patented/Pending/Abandoned

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

Serial Number	Date Filed

I hereby appoint all the practitioners associated with Customer Number 32,650 to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected therewith. Each practitioner associated with Customer Number 32,650 is an attorney registered before the United States Patent and Trademark Office.



32650

PATENT TRADEMARK OFFICE

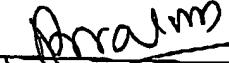
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Address all telephone calls and correspondence to:

John A. Harrelson, Jr.
WOODCOCK WASHBURN LLP
 One Liberty Place - 46th Floor
 Philadelphia PA 19103
 Telephone No.: (215) 568-3100
 Facsimile No.: (215) 568-3439

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name:		
Thazha P. Prakash		
Mailing Address:	Signature	
6928 Pear Tree Drive Carlsbad, California 92009	Date of Signature: 12-31-2003	
City/State of Actual Residence:	Citizenship: India	
Carlsbad, California 92009		

Name:		
Muthiah Manoharan		
Mailing Address:	Signature	
25 Circle Drive Weston, Massachusetts 02493	Date of Signature: _____	
City/State of Actual Residence:	Citizenship: United States of America	
Weston, Massachusetts 02493		

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Name: Thazha P. Prakash	Signature
Mailing Address: 6928 Pear Tree Drive Carlsbad, California 92009	Date of Signature: _____
City/State of Actual Residence: Carlsbad, California 92009	Citizenship: India

Name: Muthiah Manoharan	Signature <i>Muthiah Manoharan</i>
Mailing Address: 25 Circle Drive Weston, Massachusetts 02493	Date of Signature: <u>2/18/2004</u>
City/State of Actual Residence: Weston, Massachusetts 02493	Citizenship: United States of America